

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	8	"4482464".pn. or "5075383".pn. or "4636322".pn. or "4699724".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/17 14:24
S2	2	"6117825".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/17 14:24
S4	4	"4482464".pn. or "5075383".pn. or "4636322".pn. or "4699724".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:32
S7	0	succinimide with (aromatic adj polyamine) with (aliphatic adj polyamine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:33
S8	22	succinic with (aromatic adj polyamine) with (aliphatic adj polyamine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:34
S9	17	S8 and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:35
S11	1	"5498809".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:45
S17	232	S14 and (aromatic near aliphatic)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:46
S16	298	S14 and (aromatic with aliphatic)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:46
S15	395	S14 and aromatic	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:46
S14	435	S13 and dispersant	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:46
S13	704	S12 and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:46
S12	904	(succinic or maleic) with (mixture with polyamines)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:47
S19	2	S18 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:48

EAST Search History

S20	2874	((succinic or maleic) adj (acid or anhydride)) and "508".clas. and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:49
S18	89	(succinic or maleic) with (mixture with aromatic with aliphatic with polyamines)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 14:49
S22	12	(naphthyl adj phenylene adj diamine) and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 15:45
S21	97	S20 and (aromatic adj polyamines)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 15:45
S23	21	(naphthyl adj phenylene adj diamine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 15:48
S25	2	(molar adj ratio adj aliphatic adj polyamine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 15:49
S24	200	(molar adj ratio adj aliphatic)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 15:49
S27	0	(aromatic adj polyamine) with (aliphatic adj polyamine) with ratio and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 15:50
S26	639	(aromatic adj polyamine) with (aliphatic adj polyamine) and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 15:50
S6	0	succinimide with (aromatic adj polyamine) with (aliphatic adj polyamine) and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 15:50
S28	7	(aromatic adj polyamine) with (aliphatic adj polyamine) and "508".clas. and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 15:51
S29	49	(one adj more adj polyamines) and "508".clas. and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 16:01
S31	0	(one adj more adj polyamines) with ratio and "508".clas. and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 16:11
S30	2	(one adj more adj polyamines) with aromatic and "508".clas. and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 16:11
S33	5	S32 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 16:12

EAST Search History

S32	105	(mixed adj polyamines) and @ad<"20040310" and dispers\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 16:12
S34	7	succinimide with (aromatic adj polyamine) and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 16:15
S36	2	ep-909805-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/17 16:17
S38	10	(mixed adj succinimides)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/17 16:20
S37	2	"6734148".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/17 16:20
S39	63	(mixture adj succinimides)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/17 16:23
S40	51	S39 and @ad<"20040310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/17 16:24
S35	23	succinic with (aromatic adj polyamine) and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:38
S43	255	dispers\$3 with phenylenediamine and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:39
S42	16	dispers\$3 with toluediamine and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:39
S41	54	succinic with toluediamine and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:39
S44	383	succinic with phenylenediamine and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:42
S47	36	S46 not S45	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:43

EAST Search History

S50	242	S49 not S46	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:45
S49	251	S48 not (S43 or S44)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:45
S48	409	maleic with phenylenediamine and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:45
S46	37	succinimide with phenylenediamine and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:45
S45	13	(S43 or S44) and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 15:46
S52	13	dispersant with antioxidant with (multi adj functional) and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 16:02
S55	24	S54 and antioxidant	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 16:06
S54	269	loper.in.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 16:06
S56	139	loper.in.	DERWENT	AND	ON	2006/11/20 16:27
S51	4	S50 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 16:57
S58	3	S57 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 16:58
S57	271	(phenylenediamine or toluediamine) with dispers\$3 and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 16:58
S59	17	S57 and "252".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:00
S63	364	S62 and aromatic	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:01
S62	399	S61 and succin\$5	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:01
S61	558	S60 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:01

EAST Search History

S65	91	(amine adj mixture) with succin\$5 and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:02
S60	6470	(amine adj mixture) and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:02
S64	53	(amine adj mixture) with dispersant and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:44
S66	546	(succinimide adj dispersants) and @ad<"20040310" and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:45
S67	10	(5-aminoindole) with polyamine and "508".clas. and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:53
S10	1	"5652201".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/20 17:53
S68	0	ep-1574559-\$ did	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/11/21 09:11
S69	0	ep-0909805-\$ did.	EPO; JPO; DERWENT	AND	ON	2006/11/21 09:14
S53	34	loper.in.	EPO	AND	ON	2006/11/21 09:14
S71	1	"6107258".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/21 16:14
S70	2	ep-909805-\$ did.	EPO; JPO; DERWENT	AND	ON	2006/11/21 16:14
S5	1	"5614124".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 15:43
S72	47	methylvinylidene and "508".clas. and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 16:11
S75	1	S74 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 16:14
S74	219	crosslinked with dispersant and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 16:14
S77	42	polysuccinimide and "508".clas. and @ad<"20040310"	USPAT	AND	ON	2006/11/26 16:26
S76	16	("5062980").URPN.	USPAT	AND	ON	2006/11/26 16:26

EAST Search History

S78	693	fuel and vehicle and succinimide and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 17:51
S81	278	S80 and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 17:53
S80	306	"44".clas. and vehicle and succinimide	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 17:53
S79	65	fuel\$3 near vehicle and succinimide and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 17:56
S83	1459	fuel and (internal adj combustion adj engine) and "44".clas. and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 17:57
S82	93	fuel\$3 near automobile and succinimide and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 17:57
S86	401	S83 and succinimide	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/26 17:59
S87	1	(bis adj succinimide adj di adj amide adj amine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/27 09:39
S1	2	ep-1318188-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/27 09:39
S88	219	crosslinked with dispersant and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/27 10:31
S73	77	crosslinked with succinimide and @ad<"20040310"	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/27 11:52
L3	119	crosslinked with dispersant and @ad<"20040310"	EPO; JPO; DERWENT	AND	ON	2006/11/27 11:53
L2	22	crosslinked with succinimide and @ad<"20040310"	EPO; JPO; DERWENT	AND	ON	2006/11/27 12:04
L4	125	508/232.ccls. and @ad<"20040310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/27 12:05